

WHAT IS CLAIMED IS:

1. An electrostatic charge image developing toner,  
comprising:

a fixing resin; and

5 one type wax or K type (K is an integer in excess of  
1) waxes;

wherein following formulae (1) and (2) are satisfied

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$$T = \sum_{N=1}^k T_n \cdot W_n / 100 \quad \dots (1)$$

$$T \geq 56 \quad \dots (2)$$

where  $T_n$  ( $^{\circ}\text{C}$ ) is an onset temperature of an absorbed heat  
quantity curve of a wax constitutive component N in a  
differential scanning calorimeter (DSC), and  $W_n$  (wt%) is a  
15 compound rate occupied in an overall wax.

2. The electrostatic charge image developing toner according  
to claim 1,

wherein a melting point of the wax, which is defined as  
20 a maximum peak of the absorbed heat quantity curve at a time  
of temperature rise, is set in a range of  $50^{\circ}\text{C}$  to  $120^{\circ}\text{C}$  in  
a DSC curve measured by the differential scanning calorimeter.

3. The electrostatic charge image developing toner according  
25 to claim 1, wherein the wax contains a wax a crystallinity of  
which is 80 % or more but is 93 % or less.

4. The electrostatic charge image developing toner according to claim 1, wherein the toner contains at least a vinyl copolymer, which is polymerized in existence of the wax, as the fixing resin.

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5. The image forming apparatus comprising:

an electrostatic charge holding member for holding an electrostatic latent image;

a developing unit for developing the electrostatic latent image by using an electrostatic charge image developing toner;

wherein the electrostatic charge image developing toner contains at least a fixing resin and one type wax or K types (K is an integer in excess of 1) waxes, which satisfies following formulae (1) and (2)

$$T = \sum_{N=1}^k T_n \cdot W_n / 100 \quad \dots (1)$$

$$T \geq 56 \quad \dots (2)$$

where  $T_n$  ( $^{\circ}\text{C}$ ) is an onset temperature of an absorbed heat quantity curve of a wax constitutive component N in a differential scanning calorimeter (DSC), and  $W_n$  (wt%) is a compound rate occupied in an overall wax.

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